Hardware Installation

Connecting to the Console Port and Ethernet Port

1. Attach one end of the supplied RS-232 cable to PC or terminal and the other end to the console port of the SP6524P front panel. The connected terminal or PC must support the terminal emulation program.

2. Connect one end of an RJ-45 cable to the Ethernet port at the front panel and the other end to PC or terminal for web interface management.

Cabling Requirements for 1000Base-SX/LX SFP Module

SP6524P supports the more complex and comprehensive TP cabling in the fiber media. Basically, there are two categories of fiber, multimode and single mode. The later is categorized into several classes by the distance supported. They are SX, LX, LHX, XD and ZX. From the viewpoint of connector type, there mainly are LC and Bi-Di LC.

‧ Gigabit Fiber with multimode LC SFP module

‧ Gigabit Fiber with single-mode LC SFP module

‧ Gigabit Fiber with Bi-Di LC 1310nm SFP module

‧ Gigabit Fiber with Bi-Di LC 1550nm SFP module

For more details, please refer to user manual.

Configuration

Web-based User Interface

Before using web management, install the SP6524P on the network and make sure that any one of the PCs on the network can connect with the SP6524P through the web browser. The default IP, subnet mask, username and password are as follows:

IP Address: **192.168.1.254**   Subnet Mask: **255.255.255.0**

User Name: **admin**   Password: **[leave blank]**

Login in the Console Interface

When the connection between SP6524P and PC is ready, turn on the PC and run a terminal emulation program or Hyper Terminal and configure its communication parameters to match the following default characteristics of the console port:

Baud Rate: 38400 bps

Data Bits: 8

Parity: none

Stop Bit: 1

After finishing the parameter settings, click **"OK"**. When the blank screen shows up, press **Enter** key to bring out the login prompt. Key in the **"admin"** (default value) for the both User name and Password (use **Enter** key to switch), then press Enter key and the command line interface of console management appears.

----------For more details, please refer to user manual.--------

CE Mark Warning

This equipment complies with the requirements relating to electromagnetic compatibility of the essential protection requirement of Council Directive 89/336/EEC on the approximation of the laws of the Member States. Company has an on-going policy of upgrading its products and it may be possible that information in this document is not up-to-date. Please check with your local distributors for the latest information. No part of this document can be copied or reproduced in any form without written consent from the company.

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P/N 2300-0686

WEEE Directive & Product Disposal
At the end its serviceable life ,this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

Communicate via *Micro network*

Micronet®
Making Communication Easier

Quick Installation Guide

24-port 10/100/1000 Mbps Layer 2 Managed Switch with 370W PoE

Model No.: SP6524P

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Introduction

Micronet SP6524P 10/100/1000Mbps Managed Switch with 370W PoE output offers performance and a full set of layer 2 networking management features at an affordable cost, suitable for high performance workgroups and server applications. With 10/100/1000 Mbps RJ-45 ports and shared mini-GBIC slots for fiber optic connection, it delivers maximum throughput to high performance users or provides a backbone to a growing business network.

Package Contents

Before you start installing the device, verify the following items are in the package:

· SP6524P Managed Switch

· Quick Installation Guide

· Manual CD

· RS-232 cable

· Mounting Kits & accessories

· Power Cord

Key Features

· Compliant with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, and IEEE802.3z 1000Base-LX/SX standards.

· SP6524P provide 24 RJ-45 ports of 10/100/1000Mbps and 4 shared mini-GBIC slots for fiber extension

· Support IEEE 802.3ad Link Aggregation, up to 8 trunk groups, up to 14 ports for each group.

· Support IEEE802.1q tag-based VLAN, IEEE 802.1q-in-q nested VLAN, and IEEE802.1p traffic prioritization (CoS)

· Support broadcast storm control

· Support jumbo frame up to 9216K bytes

· Support 802.1d STP, 802.1w Rapid STP, IEEE802.1s MSTP

· Support 802.1x port-based authentication and port security with MAC address

· Support IGMPV1, IGMPV2, IGMPv3

· Support SNMPV1, SNMPV2, SNMPV3

· Support IEEE 802.3af PoE support, 15.4W/port at each of the 24 ports

· Support non-standard 30W/port up to 12 ports, configurable in the web user interface.

Physical Description

SP6524P

Front Panel

Rear View

LED definition:

LED	LED	Color	Function
SP6524P LED light for port 1-24			
System	System	Green	On : When the power supplied to the system
			Off : Power off
GE- LED 10/100/1000M PoE port	Link/Act	Green	Light: When the link through the port is successfully established.
			Off : No-link detected for the port Blink: When the port is activating transmitting data.
	PoE	Amber	Light: While PSE supply power.
			Off: No PoE power supply to connected device.

RESET Button:

To restore switch configuration to factory defaults

Press the Reset button for more than 10 seconds, switch configuration will be restored to factory defaults and then reboots.